

19991116.qrp v01_n641.qrl.991116

Date: Tue, 16 Nov 1999 19:03:10 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1641

QRP-L Digest 1641

Topics covered in this issue include:

- 1) [56108] OPERATING - transit of mercury event at LSU & W5YW
by n5ib@juno.com
- 2) [56109] Re: KC0AYG Fox log 11-14-99
by "Matthew Balvanz" <kc0ayg@hotmail.com>
- 3) [56110] OHR-100A and Freq-Mite
by aa5yx@juno.com
- 4) [56111] N/T+ Fox KC0AYG 11-17-99
by "Matthew Balvanz" <kc0ayg@hotmail.com>
- 5) [56112] Paddlette KP-1 and KP-3
by "George Goodroe" <goodroe@worldnet.att.net>
- 6) [56113] PROP: Flare warning
by "Paul Harden, NA5N" <na5n@rt66.com>
- 7) [56114] Re: Millenium Vacation
by Bob Nielsen <nielsen@primenet.com>
- 8) [56115] ANTS. G5RV varient, feed stub
by "rohre" <rohre@arlut.utexas.edu>
- 9) [56116] FOX: N5TW is Fox for 18 Nov 1999
by "Tom Whiteside" <n5tw@igg-tx.net>
- 10) [56117] FOX: Well-behaved Hunt -- Congratulations All
by kb9iua@juno.com
- 11) [56118] Re: Partminer Free Parts Search Software
by dfirlik@juno.com
- 12) [56119] Looking for Steve Pituch
by PDouglas12@aol.com
- 13) [56120] Fox Hunt
by w2xn@juno.com
- 14) [56121] RE: Q: Just one antenna...
by Sam Billingsley <SBillingsley@usaninc.com>
- 15) [56122] UPDATE: Doug KI6DS
by "Paul Harden, NA5N" <na5n@rt66.com>
- 16) [56123] Fox Hunt
by "Don Wines" <dwines@tyler.net>
- 17) [56124] Re: Q: Just one antenna...
by "George T. Baker" <w5yr@swbell.net>
- 18) [56125] Tuna Tin Two, etc
by Ac6qi@aol.com
- 19) [56126] WTB: Sierra Band Modules

- by "Alan Fryer" <n3bj@hotmail.com>
- 20) [56127] HELP: HW-8 Schematic needed
by St-OngeD@mar.dfo-mpo.gc.ca
- 21) [56128] Re: UPDATE: Doug KI6DS
by "Francis Callahan" <colcal@srv.net>
- 22) [56129] Re: HOSPITAL: Doug Hendricks KI6DS
by SKIPNC90@aol.com
- 23) [56130] Re: UPDATE: Doug KI6DS
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 24) [56131] Re: HOSPITAL: Doug Hendricks KI6DS
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 25) [56132] Check those Tower Grounds!
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 26) [56133] Re: Ft. Wayne Hamfest report
by "Dennis Payton" <dpayton@fwi.com>
- 27) [56134] A request for assistance from Sweden
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 28) [56135] Re: Tuna Tin Two, etc
by "Rod Cerkoney" <rlw@frii.com>
- 29) [56136] Holiday mW Contest rules & Attn all QRP clubs !
by Jim Hale <kj5tf@yahoo.com>
- 30) [56137] Re: Tuna Tin Two, etc
by Bruce Muscolino <w6toy@erols.com>
- 31) [56138] Re: [CQ-Contest] Whereabouts of QRP Club of New England
by Bob Patten <n4bp@bc.seflin.org>
- 32) [56139] Re: Ft. Wayne Hamfest report
by Jeff <fantbb@yahoo.com>
- 33) [56140] Re: UPDATE: Doug KI6DS
by Jeff <fantbb@yahoo.com>
- 34) [56141] Assistance for new convert
by Mark Milburn <markmilburn@netzero.net>
- 35) [56142] Re: Tuna Tin Two, etc
by Robert P Engelman <rengelwb8uoj@juno.com>
- 36) [56143] Simple test post...
by "Samuel A. Falvo II" <kc5tja@armored.net>
- 37) [56144] ANZAC MD-108 mixers?
by "Samuel A. Falvo II" <kc5tja@armored.net>
- 38) [56145] FOX: Metronome Rit Option?
by Ed Loranger <we6w@qsl.net>
- 39) [56146] Re: UPDATE: Doug KI6DS
by Jim Lowman <jmlowman@ix.netcom.com>
- 40) [56147] FOX: W8RU Preliminary Log & Comments (long)
by Ron Majewski <majewski@erim-int.com>
- 41) [56148] Married to Lady Luck?
by Ed Loranger <we6w@qsl.net>
- 42) [56149] Hi-Tek Nick-Nack
by "Steven Weber" <kd1jv@moose.ncia.net>
- 43) [56150] N/T+ FOX: 2200 17 OCT 99 - 0000 18 OCT 99 UTC

- by DNT1@daimlerchrysler.com
- 44) [56151] Sick OHR-500 Cured!
by "Phinizy, William" <wphinizy@filenet.com>
- 45) [56152] Norcal QRP Net update.
by Ed Loranger <we6w@qsl.net>
- 46) [56153] mW Holiday CW contest rules + Attn all QRP clubs
by Jim Hale <kj5tf@yahoo.com>
- 47) [56154] Re: Hi-Tek Nick-Nack
by "Robert P. Okas" <vintage@best.com>
- 48) [56155] RE: Doug's Health
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcasa.cu>
- 49) [56156] Re: Hi-Tek Nick-Nack
by Jeff Francis <jfrancis@frii.com>
- 50) [56157] TT2
by "Francis Callahan" <colcal@srv.net>
- 51) [56158] Re: Hi-Tek Nick-Nack
by Robert McConnell <rmcconne@lightlink.com>

Date: Mon, 15 Nov 1999 19:09:41 EST
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [56108] OPERATING - transit of mercury event at LSU & W5YW
Message-ID: <19991115.180845.4687.0.N5IB@juno.com>

Mercury transited the face of the Sun right on schedule. The clouds stayed away. And the 300 foot doublet didn't fall down.

Worked the following using TS430S @ 5 W (lawn tractor battery for power), MFJ-971 tuner, to 300 ft doublet at 50 ft, fed with twin lead, all on or within 4 kHz of 14060.

1910Z	AA8YO	Bob	MI
2005	AC7BQ	Mike	AZ
2013	K1QM	Joel	MA
2047	K8DNP	Dave	MI
2105	VE30KS	Ken	ONT
2110	KC4AKQ	Oscar	NC
2137	VE2ENB	Gil	PQ

Thanks to all who called (merci, Gil) managed a nice mini rag chew with most. I left the antenna up, maybe can do another observatory operating event sometime soon. Don't forget the Leonid meteor shower later this week.

72,
Jim N5IB

AKA W5YW

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Date: Mon, 15 Nov 1999 18:29:53 -0600
From: "Matthew Balvanz" <kc0ayg@hotmail.com>
To: <qrp-l@lehigh.edu>, <k0evz@arrl.net>
Subject: [56109] Re: KC0AYG Fox log 11-14-99
Message-ID: <19991116003103.6972.qmail@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I must be getting better at this. Only on correction this time.

KV2UD should be K2UD, Howard in New York.

Other than that nothings been said.

BTW- I finally got some antennas back up at my QTH and picked up a SW-40
from N7CQR. Maybe later this year I'll try that rig for the hunt!

73,
Matthew KC0AYG Ames, IA

Date: Mon, 15 Nov 1999 19:28:49 -0500
From: aa5yx@juno.com
To: QRP-L@lehigh.edu
Subject: [56110] OHR-100A and Freq-Mite
Message-ID: <19991115.193129.10702.2.aa5yx@juno.com>

A few weeks ago I replaced the stock 10k tuning pot in my 20m OHR-100A
with a 10-turn version, which rendered the dial markings useless. Today I
installed Small Wonder Labs' "Freq-Mite" in the rig and it works like a
charm - I should have made these mods a long time ago.

One of the things I like about the OHR rigs is that there's lots of room
inside to make mods. Now to add a Tick keyer and SWR meter.....

John Harper AA5YX/2
HW-9, OHR-100A/20m, NC40A, SST/40, SST/30
YashicaMat 124G Info Page: <http://home.att.net/~j..harper>

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Date: Mon, 15 Nov 1999 18:33:50 -0600
From: "Matthew Balvanz" <kc0ayg@hotmail.com>
To: <qrp-l@lehigh.edu>
Subject: [56111] N/T+ Fox KC0AYG 11-17-99
Message-ID: <19991116003500.85081.qmail@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here we go again...

I'll be the fox Tuesday night local time, 11-17-99 0100-0300 UTC

I don't know yet if I'll operate from my QTH or KC0DB0's again. I did finally get my antennas back up and I'll probably try to run some tests on the yet. (and I even added another one....)

I'm going to try around 7.112 Mhz again, as this seems to be a fairly good spot.

73,
Matthew KC0AYG Ames, IA

Date: Mon, 15 Nov 1999 14:35:02 -0500
From: "George Goodroe" <goodroe@worldnet.att.net>
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Cc: <bham379627@aol.com>
Subject: [56112] Paddlette KP-1 and KP-3
Message-ID: <4921D6AF1F7BD31184EF00E018C1A351011337@GEM01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have added updated information on Bob Hammonds new TiCK based portable iambic keys at <http://home.att.net/~goodroe/paddlette/index.html> .

Click on the "CHECK OUT" hyperlink to get all of the newest information on these carefully thought out iambic paddles.

73 de KF4CPJ

Date: Mon, 15 Nov 1999 17:43:31 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Cc: gqrp@onelist.com
Subject: [56113] PROP: Flare warning
Message-ID: <Pine.SUN.4.10.9911151720540.13702-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

There are two areas on the sun that have the potential of producing a major flare (X-class flare) over the next two days. Should this occur, it will likely cause a sudden ionospheric disturbance (SID) for the approximate duration of the flare event. This will be seen as a sudden absorption of signals to near black out conditions for 10-30 minutes. A major flare will also eject a huge amount of mass that will ride along on the solar wind. If it strikes the earth, it will cause a major to severe geomagnetic storm. The duration of this event would last many hours to days, depending upon the severity of the "hit." This would arrive about 3 days after the flare, and can cause enhanced auroral activity.

This alert message is not necessarily intended to predict doom and gloom for the ham bands, but for those interested in this phenomenon, to watch it on the various websites and to witness it "on the air." Obviously if a major flare occurs, I will post it on QRP-L.

Currently, conditions are quite good, with the solar flux at 203, sufficient for skip propagation on all HF bands, and the geomagnetic field is fairly quiet for normal noise levels.

Portions of the daily solar report follows:

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
> SDF NUMBER 319 ISSUED AT 2200Z ON 15 NOV 1999

> IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100Z

> TO 15/2100Z: SOLAR ACTIVITY WAS MODERATE. REGION 8765 (S13E19)
> PRODUCED AN M2/2N FLARE AT 15/0841Z.

> REGION 8765 REMAINS THE LARGEST REGION ON
> THE SOLAR DISK WITH AN AREA OF 820 MILLIONTHS. THIS REGION HAS
> STRONG MIXED POLARITIES WITH A POSSIBLE DELTA CONFIGURATION. ANOTHER
> REGION OF NOTE IS REGION 8766 (N17E44) WHICH DOES DISPLAY A DELTA
> CONFIGURATION WITHIN THE GROUP.

A DELTA configuration is where the magnetic field lines surrounding a sunspot group become polarized (that is, a N and S poles, or of opposite polarities), and becomes VERY intense and compact. This almost always preceeds an X-class flare ... although it doesn't always produce one. It is a red flag solar forecasters look for, however.

> IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
> MODERATE. SEVERAL REGIONS HAVE M-CLASS FLARE POTENTIAL WITH THE
> CHANCE FOR AN ISOLATED X-CLASS EVENT.

> IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z:
> THE GEOMAGNETIC FIELD WAS QUIET.

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
> EXPECTED TO BE QUIET TO UNSETTLED FOR THE FORECAST PERIOD.
> III. EVENT PROBABILITIES 16 NOV-18 NOV
> CLASS M 90/90/90 <--- 90% chance of a M-class flare!
> CLASS X 40/40/40 <--- 40% chance of a X-class flare!
> PCAF YELLOW <--- A CAUTION warning for a Polar Cap Absorption
Event ... a blackout for AK (sorry AL7FS!)

> IV. PENTICTON 10.7 CM FLUX
> OBSERVED 15 NOV 206
> PREDICTED 16 NOV-18 NOV 200/195/190

> V. GEOMAGNETIC A INDICES
> OBSERVED AFR/AP 14 NOV 013/010
> ESTIMATED AFR/AP 15 NOV 008/010
> PREDICTED AFR/AP 16 NOV-18 NOV 010/010-010/010-010/015

An A-index of 10 or less is fairly quiet geomagnetic conditions, and hence, fairly low noise levels on the lower HF bands.

72, Paul NA5N

Date: Mon, 15 Nov 1999 18:45:56 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: Dieter Gentzow - WB8QYY <wb8qyy@one.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56114] Re: Millenium Vacation
Message-ID: <19991115184556.B29937@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

See <http://www.qsl.net/oh2mcn/c6.htm> for all the information you need.

Bob, w6swe

On Mon, Nov 15, 1999 at 04:12:47PM -0500, Dieter Gentzow - WB8QYY wrote:
> He guys & gals,
>
> What do I need to do to operate 10 meters qrp from the Bahamas when I'm on
> vacation?
> Is there a central place to register?
>
> 73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"
> Loveland, Ohio (NE Cincinnati suburb)
> FPqrp#1 QRP-L#1998 10-X#9389 CATT#26 K2#493
> <mailto:wb8qyy@one.net>
> <http://w3.one.net/~gentzow/wb8qyy.htm>
>
>
>

--
Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
DM42nh <http://www.primenet.com/~nielsen>

Date: 15 Nov 1999 20:08:28 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-1@lehigh.edu
Subject: [56115] ANTS. G5RV varient, feed stub
Message-ID: <n1269425960.79931@msmailgw1.arlut.utexas.edu>

The G5RV varient with 90 some feet in the dipole flat top, is the ZS6BKW version for WARC bands and harmonic bands compromised for good match on all but 15M ---(3:1).

However, it DOES NOT need 40 feet of height for the wire, for you can go to the K5KVH varient, where I ran the 40 ft. of ladder line out horizontal from

the dipole center insulator (right angle to the wire, still), using a backstay guy line to keep the dipole in line. The nylon guy tied off at the chimney, the ladder line joined RG 8x coax at a convenient tree off the other end of the house. Dipole wire of no. 14 stranded, was only 15 ft. high on one end, and 20 ft. on other, off ground. Best low wire I ever had! Outperformed my 400 ft. longwire, other dipoles of half way convention, etc. Near omni DX performance to VK, ZL, CE, from TX. (Soil here rocky, black and caliche mix, poor RF gnd.)

That way, you don't have to bend stub parallel line section!
See W6SAI's book on antennas of recent years, for the G5RV vs. ZS6BKW details, and mine will be out later, after more tests. (This will be my second sunspot cycle with such an antenna.)

72, Stuart K5KVH
Austin, TX

Date: Mon, 15 Nov 1999 20:10:19 -0600
From: "Tom Whiteside" <n5tw@igg-tx.net>
To: <qrp-1@lehigh.edu>
Subject: [56116] FOX: N5TW is Fox for 18 Nov 1999
Message-ID: <001701bf2fd7\$bbefeb00\$ea21f0cd@g517v>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

EMERGENCY MESSAGE --- REBEL HEADQUARTERS --- DEATH STAR REPORTED HEADING TO
QUADRANT AND BELIEVED TO BE FULLY OPERATIONAL...

Are your juices flowing now or just wondering what all this silly hyperbole is all about? We've been making some changes to the N5TW station and folks around here have begun referring to the project as the DeathStar and I guess we kinda got caught up in it... What it means for the FoxHunt is that we now have two 2-element Cushcraft XM240 beams up and stacked (e.g. phased) at 80 feet and 130 feet. For the hunt, we will have one beam pointed at the NE and one pointed NW and we should have good coverage of the country with this set up.

I will be Fox for the first time (!!!!) Thursday, 18 Nov in UTC operating from 0200-0400. This is Wed evening 17 Nov in local time. Our QTH is about 30 miles north of Austin near the town of Georgetown in central Texas. We will be using a Yaesu FT1000D with the power and ALC cranked back to 5W. We plan to make liberal use of the RIT and request that stations do not call on my frequency unless that is all your radio will allow. Call more than once if you want but please do your best to cease and desist when I come

back to someone....

I'm very excited about our first time out at this!!! All these hunts have been a terrific learning experience and the Fox thing should be quite an education!!! We are always happy to return QSL requests if ya bag the D*! Good luck!

Tom Whiteside
N5TW Georgetown, TX

Date: Mon, 15 Nov 1999 21:21:43 EST
From: kb9iua@juno.com
To: qrp-1@lehigh.edu
Subject: [56117] FOX: Well-behaved Hunt -- Congratulations All
Message-ID: <19991115.201842.5367.0.kb9iua@juno.com>

Ron and Hunters:

This was a very well-behaved foxhunt tonight. Everyone seems to be listening for Ron and going quiet when he returns to a hunter (which is good, because Ron was picking up calls fast). It was a pleasure to participate as one of the hunters with such a group as tonight (at least for the first half hour that I was listening, both before and after my pelt at 0119). Let's be this way every time. Thank you. Cheers/73. Kevin, KB9IUA, Rock Island IL

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Date: Mon, 15 Nov 1999 22:01:10 -0500
From: dfirlik@juno.com
To: qrp-1@Lehigh.EDU
Subject: [56118] Re: Partminer Free Parts Search Software
Message-ID: <19991115.220124.-152463.0.dfirlik@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang:

Here is the URL for the "Partminer" home page. There is a "button" on this page for the program's User Manual which will provide some insight to the program's operation

http://www.partminer.com/Pm_HomePage/index.asp

-73-

Don K8AQZ
Grand Rapids, Michigan

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 15 Nov 1999 22:41:38 EST
From: PDouglas12@aol.com
To: qrp-1@lehigh.edu
Subject: [56119] Looking for Steve Pituch
Message-ID: <0.32eb8566.25622c72@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Sorry for the bandwidth, folks, but I am trying to get in touch with Steve, and the email address from his 1996 QQ article is apparently long stale.

Steve, you out there?

72,

Preston WJ2V

Date: Mon, 15 Nov 1999 22:44:21 -0500
From: w2xn@juno.com
To: qrp-1@lehigh.edu
Subject: [56120] Fox Hunt
Message-ID: <19991115.224422.-817255.3.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Ron, you did a fantastic job tonite! Thank you for picking me out of the noise, too.

Good job, Ron.

Fred W2XN w2xn@arrl.net
Lakeland, FL
W5YI-VE Skywarn #POL-007 Polk County ARES
AR QRP #233 QRP-L #1728 NJ-QRP #197 ZOMBIE #709
My Web Page: <http://w2xn.homepage.com/>

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 15 Nov 1999 23:03:37 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [56121] RE: Q: Just one antenna...
Message-ID: <66FCE0D1DF76D311913800805F6D0FA327CC8B@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

Several people have asked about how I connect the antenna to the tuner. Simply put the end of the longwire into the center conductor of the female coax connector (to the antenna). Just because it's a coax connector doesn't mean that a plain old wire can't go in there.

The 1/4 wave wire counterpoise is attached to the outer (ground) part of the same coax chassis connector. Several have asked about the counterpoise. Why 1/4 wave, etc. I understand that a 1/4 wave (or any ODD quarter wave wire) will present a low impedance RF point to whatever it is attached. Tuners seem to like low impedance ground connections whether real ground pipes or simulated via a 1/4 wave wire. So with the ground side of the tuner happy the tuner can handle a fairly wide range of impedances on the wire antenna side. The added plus for the counterpoise wire is that it doesn't have to be straight. I have my main station with it running out a window and down the side of the house and turning into an Ivy covered section of ground. When I'm on the road (motels, condos, etc) I simply put it around the perimeter of the room with the tuner.

To make the tuner connection simple I have soldered two short pieces of wire

from a male coax plug with the other ends going to a dual knife blade DPDT switch (RadioShack). I connect the antenna to one blade pole and my counterpoise to the other blade pole. The tuner connections are made to one side of the switch corresponding to the blades (ground to ground) and (antenna to center coax). On the other side of the switch I station ground both connections. So when I'm not operating I through the switch and the antenna is grounded to the station ground and disconnected from the tuner for both the antenna and counterpoise connections. You just have to remember to move the knifeblade switch to the operating position BEFORE keying the transmitter. Usually you can tell since the signals are very weak because the wire from the tuner to the knife blade switch is only a few inches long. Plus the tuner will NOT find a good SWR setting and will stop after going through it's complete search. I think it blinks the LEDs at you to tell you that it had a problem.

Since a picture is worth a 1000 words here's one that actually shows my station setup.

<http://ae4gx.home.mindspring.com/tunerswitch.jpg>

BTW I NEVER have used a BALUN with a longwire yet. Sounds like just more inefficiency to me. Let the tuner do it's job.

Sam Billingsley AE4GX Atlanta, GA
personal web page at <http://ae4gx.home.mindspring.com/>
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

>>>>snip>>>>

The only suggestion I make is having one 1/4 wave insulated wire counterpoise connected to the tuner chassis for each band of interest. Mine are out the window and laying on the ground around the edge of the house. With my QRP LDG tuner in the field I use the W3EDP 87ft end-fed wire and 1/4 wave counterpoise. At my vacation location where no antennas are allowed I use a 21 ft end-fed wire with counterpoise.

I have never seen the tuner fail to find a good match <1.5 SWR if the counterpoise was used. I would check with LDG again and see if there wasn't a miscommunication regarding their design statement.

Sam Billingsley AE4GX Atlanta, GA

Date: Mon, 15 Nov 1999 21:33:35 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [56122] UPDATE: Doug KI6DS
Message-ID: <Pine.SUN.4.10.9911152059100.15059-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
Joanne (Doug's wife) called just a bit ago to let me know how things went with Doug today.

Doug underwent triple bypass surgery from about 8am to 2pm, and is now in ICU recovery. Within the last hour (about 7pm PST), he has "come around" enough to be aware of his wife's and daughter's presence. According to Joanne, everything went well, and they're hoping to get Doug up a bit tomorrow afternoon, and out of ICU wednesday or thursday, and hopefully able to return home early next week. He will be recouperating at home, and off of work, for 6-8 weeks.

As most of you know, Doug is a high school biology teacher and is as dedicated to his kids as he is to QRP. He told me last night, the hardest thing about all of this is arranging for a substitute teacher until after the holidays, and resigning as the girl's basketball coach, a job he's loved for 16 years. He knows he needs to rest well for awhile, but will return to his school, and his hobby, with the same fervor as before, I'm convinced.

I've received countless emails from QRPers wanting me to convey your best wishes on to Doug, which I will (and have tonight to Joanne). I appreciate your concern, as does Doug. For those wishing to send a card or get-well wishes, Joanne requests you send them to the house, not the hospital. Doug's home address is:

Doug Hendricks, KI6DS
862 Frank Avenue
Dos Palos, CA 93620

Joanne will hand deliver them to Doug until they get to bring him home.

The concern for Doug expressed warms my heart ... not because it's Doug ... but because it's an expression of the fraternity this hobby has always been about, and inspite of our occassional differences, it is so nice to see how strong our fraternity remains amongst QRPers. And I'm sure there will be the same level concern in the future should any of our brothers or sisters need our support. And should that occassion arise, please let us know.

Joanne wanted me to thank you for your concern and prayers. It has kept both her and Doug strong over a few very difficult days for them. And I thank you as well.

72, Paul NA5N

Date: Mon, 15 Nov 1999 23:18:42 -0600
From: "Don Wines" <dwines@tyler.net>
To: <qrp-l@Lehigh.edu>
Subject: [56123] Fox Hunt
Message-ID: <000f01bf2ff2\$0d5182a0\$869286d0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I worked my first Fox Hunt tonite and I bagged the furry critter at 0232! Ron did a fantastic job of handling the pile-up and all the hounds were as well-behaved as I have ever heard on the ham bands!.

I've been bitten by the QRP bug and it's given me a whole new outlook on ham radio!

What fun!

Don, K5DW
QRP-L #2083
k5dw@arrl.net

Date: Mon, 15 Nov 1999 23:20:10 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: SBillingsley@usaninc.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56124] Re: Q: Just one antenna...
Message-ID: <0FL9000D9YTNQW@mta3.rcsntx.swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Adding to Sam's excellent account, just one brief note:

Think of that 1/4-wave "counterpoise" wire as, actually, a "driven ground" for the tuner. The wire will be excited by radiation from the antenna. Since the "far end" is insulated and not connected to anything, it must attain a high r-f voltage. The other end, connected to the tuner chassis, being 1/4 wavelength away, must assume an r-f voltage near zero. This situation effectively places the tuner chassis at zero or "ground" potential.

This driven-ground approach is usually much more effective than trying to establish a "ground" for the tuner by running an actual wire to earth ground. Any such wire has an impedance which places the tuner "above" earth ground. The worst case is with a 1/4-wave wire with the far end connected to earth ground. This only serves to effectively disconnect the chassis from any ground connection!

Grounds in the shack are necessary for a-c line power safety and for lightning protection. But, actual groundwire circuits seldom do anything but cause trouble for r-f problems, and very frequently only introduce new ones!

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county

Amateur Radio W5YR, in the 54th year and it just keeps getting better!

R/C since 1964 - AMA 98452 RVing since 1972

> From: Sam Billingsley <SBillingsley@usaninc.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: RE: Q: Just one antenna...
> Date: Monday, November 15, 1999 10:03 PM
>
> Several people have asked about how I connect the antenna to the tuner.
> Simply put the end of the longwire into the center conductor of the
female
> coax connector (to the antenna). Just because it's a coax connector
doesn't
> mean that a plain old wire can't go in there.
>
> The 1/4 wave wire counterpoise is attached to the outer (ground) part of
the
> same coax chassis connector. Several have asked about the counterpoise.

Why

> 1/4 wave,etc. I understand that a 1/4 wave (or any ODD quarter wave wire)
> will present a low impedance RF point to whatever it is attached. Tuners
> seem to like low impedance ground connections whether real ground pipes
or

> simulated via a 1/4 wave wire. So with the ground side of the tuner happy
> the tuner can handle a fairly wide range of impedances on the wire
antenna

> side. The added plus for the counterpoise wire is that it doesn't have to
be

> straight. I have my main station with it running out a window and down
the

> side of the house and turning into an Ivy covered section of ground. When
> I'm on the road (motels, condos,etc) I simply put it around the perimeter
of

> the room with the tuner.

>

> To make the tuner connection simple I have soldered two short pieces of
wire

> from a male coax plug with the other ends going to a dual knife blade
DPDT

> switch (RadioShack). I connect the antenna to one blade pole and my
> counterpoise to the other blade pole. The tuner connections are made to
one

> side of the switch corresponding to the blades (ground to ground) and
> (antenna to center coax). On the other side of the switch I station
ground

> both connections . So when I'm not operating I through the switch and the
> antenna is grounded to the station ground and disconnected from the tuner
> for both the antenna and counterpoise connections. You just have to
remember

> to move the knifeblade switch to the operating position BEFORE keying the
> transmitter. Usually you can tell since the signals are very weak because
> the wire from the tuner to the knife blade switch is only a few inches
> long. Plus the tuner will NOT find a good SWR setting and will stop after
> going through it's complete search. I think it blinks the LEDs at you to
> tell you that it had a problem.

>

> Since a picture is worth a 1000 words here's one that actually shows my
> station setup.

>

> <http://ae4gx.home.mindspring.com/tunerswitch.jpg>

>

> BTW I NEVER have used a BALUN with a longwire yet. Sounds like just
more

> inefficiency to me. Let the tuner do it's job.

>

>

> Sam Billingsley AE4GX Atlanta, GA
> personal web page at <http://ae4gx.home.mindspring.com/>
> North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>
>
>
>
>
> >>>>snip>>>>
>
> The only suggestion I make is having one 1/4 wave
> insulated wire counterpoise connected to the tuner chassis for each band
of
> interest. Mine are out the window and laying on the ground around the
edge
> of the house. With my QRP LDG tuner in the field I use the W3EDP 87ft
> end-fed wire and 1/4 wave counterpoise. At my vacation location where no
> antennas are allowed I use a 21 ft end-fed wire with counterpoise.
>
> I have never seen the tuner fail to find a good match <1.5 SWR if the
> counterpoise was used. I would check with LDG again and see if there
wasn't
> a miscommunication regarding their design statement.
>
> Sam Billingsley AE4GX Atlanta, GA

Date: Tue, 16 Nov 1999 01:06:29 EST
From: Ac6qi@aol.com
To: qrp-l@lehigh.edu
Subject: [56125] Tuna Tin Two, etc
Message-ID: <0.72586ed5.25624e65@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I'm just getting into this QRP idea and I'm considering what to build or buy. I read here about people using a small transmitter like a Tuna Tin Two along with a shortwave receiver. This sounds like it might be a good combination to me.

I assume one would use an antenna switch to go between receive and transmit. Seems like too much trouble to set up two antennas. I guess some shortwave receivers have a built in antenna, but it seems you wouldn't hear many stations that you could work with your transmit antenna. Maybe I'm wrong about that.

Do people switch manually? What kind of switch?

I'd like to build something simple and cheap to test the water first. Then I might put more time/money into it later. I'm about to hit the local library and look through some magazine back issues unless someone directs me to another source of construction information.

Any recommendations for a band to try first? Maybe for some evening use at home, or day/evening use on camping trips. I'm in Vista in Southern California.

-Jeff Lastofka AC6QI

Date: Tue, 16 Nov 1999 03:26:21 PST
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [56126] WTB: Sierra Band Modules
Message-ID: <19991116112621.2802.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Loking for 160,30,20,17,15,12,10M band modules/parts for the Sierra.
Working/non-working, built/half built/unassembled OK.

Please let me know what you have.

Alan, N3BJ
Bent Mountain, VA

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 16 Nov 1999 07:26:51 -0400
From: St-OngeD@mar.dfo-mpo.gc.ca
To: qrp-l@lehigh.edu
Subject: [56127] HELP: HW-8 Schematic needed
Message-ID: <1703C19B22E4D1118E2E00A0C99D913BDA0A@MSGMARSJ01>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain

I am in dire need of a schematic or photo copy of a schematic for an HW-8 QRP Xcvr.A .jpg will also do.Will pay postage/copie fee.Thanks
Doug St.Onge VE9DSO

Date: Tue, 16 Nov 1999 04:32:11 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56128] Re: UPDATE: Doug KI6DS
Message-ID: <199911161131.EAA14405@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Arn't all QRP's part of a very large and growing family 72 Cal KF7ET

> From: Paul Harden, NA5N <na5n@rt66.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: UPDATE: Doug KI6DS
> Date: Monday, November 15, 1999 9:33 PM
>
> Gang,
> Joanne (Doug's wife) called just a bit ago to let me know how things
> went with Doug today.
>
> Doug underwent triple bypass surgery from about 8am to 2pm, and is now
> in ICU recovery. Within the last hour (about 7pm PST), he has "come
> around" enough to be aware of his wife's and daughter's presence.
> According to Joanne, everything went well, and they're hoping to get Doug
> up a bit tomorrow afternoon, and out of ICU wednesday or thursday, and
> hopefully able to return home early next week. He will be recouperating
> at home, and off of work, for 6-8 weeks.
>
> As most of you know, Doug is a high school biology teacher and is as
> dedicated to his kids as he is to QRP. He told me last night, the
hardest
> thing about all of this is arranging for a substitute teacher until
> after the holidays, and resigning as the girl's basketball coach, a job
> he's loved for 16 years. He knows he needs to rest well for awhile, but
> will return to his school, and his hobby, with the same fervor as before,
> I'm convinced.
>
> I've received countless emails from QRPers wanting me to convey your
> best wishes on to Doug, which I will (and have tonight to Joanne). I
> appreciate your concern, as does Doug. For those wishing to send a card
> or get-well wishes, Joanne requests you send them to the house, not the
> hospital. Doug's home address is:
>
> Doug Hendricks, KI6DS
> 862 Frank Avenue

> Dos Palos, CA 93620
>
> Joanne will hand deliver them to Doug until they get to bring him home.
>
> The concern for Doug expressed warms my heart ... not because it's Doug
> ... but because it's an expression of the fraternity this hobby has
always
> been about, and inspite of our occassional differences, it is so nice to
> see how strong our fraternity remains amongst QRPers. And I'm sure there
> will be the same level concern in the future should any of our brothers
or
> sisters need our support. And should that occassion arise, please let us
> know.
>
> Joanne wanted me to thank you for your concern and prayers. It has
> kept both her and Doug strong over a few very difficult days for them.
> And I thank you as well.
>
> 72, Paul NA5N
>
>
>
>
>

Date: Tue, 16 Nov 1999 06:34:52 EST
From: SKIPNC90@aol.com
To: na5n@rt66.com, qrp-l@lehigh.edu
Subject: [56129] Re: HOSPITAL: Doug Hendricks KI6DS
Message-ID: <0.ba0ecf8d.25629b5c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Thanks for the update Paul and additional info.
lets just send those wishes in cards and letters
via USPS to Doug. I am sure he will enjoy them
just as much as an e-mail, maybe even more.

73, Skip NC90

Date: Tue, 16 Nov 1999 22:54:16 +1100
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56130] Re: UPDATE: Doug KI6DS

Message-ID: <383145E8.343B9DCC@integritynet.com.au>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I suppose it goes without saying (so why am I saying it?) this is the finest group of individuals on this earth I have ever been PRIVILEGED to be associated with.

May your particular God look over Doug.

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14':00" S

151o:34':00" E

VK2TIP "I'll give you the TIP mate" QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/> URL -

<http://www.qsl.net/vk2tip/>

Date: Tue, 16 Nov 1999 23:21:29 +1100

From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [56131] Re: HOSPITAL: Doug Hendricks KI6DS

Message-ID: <38314C49.7912DD57@integritynet.com.au>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

SKIPNC90@aol.com wrote:

> Thanks for the update Paul and additional info.
> lets just send those wishes in cards and letters
> via USPS to Doug. I am sure he will enjoy them
> just as much as an e-mail, maybe even more.

I've been thinking about that, actually I've been doing that all throughout this afternoon (our time). How do you cope with a zillion cards? (my honest expectation).

I know that is no problem, certainly a probable exaggeration on my part of course and I expect (hope) it will become reality, but in an earlier post (Paul Harden I think - no matter, I'm sure he'll forgive me) it was mentioned about our collective differences (QRP-L) but then again in these circumstances we are all pulling together and, (metaphorically)

holding hands with each other and each praying according to our own particular beliefs, whatever they may be, (please quietly remember this list encompasses the entire wide world).

So why does our wider world suck?. (not especially good grammar). I'm sure you all get my drift. The idealist in me cries every night.

As an Australian; "To your continued good health Doug!"

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14':00" S
151o:34':00" E
VK2TIP "I'll give you the TIP mate" QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/> URL -
<http://www.qsl.net/vk2tip/>

Date: Tue, 16 Nov 1999 07:55:10 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [56132] Check those Tower Grounds!
Message-ID: <v03110709b456f50be647@[132.235.81.85]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

With the winter approaching, I've been working getting my 160 meter antenna ready. I feed the 52' tower with a matching network.

Well, while tuning up the thing, I noticed that the lights on my rotor box were lighting up as I tuned. Hmmm... something was not right. Come to find out, the copper braid connections to my ground system (from the tower) had totally corroded at the tower leg and I had no connection to ground!

I cleaned them up, applied some NO-OX, the goop that keeps connections from corroding, and covered the connections with tape to keep the weather out. Needless to say, I'm going to check these connections a little more often.

So if you have a tower, this might be a good time to check out the ground connections, just to be on the safe side!

vy 73 de NS80

Date: Tue, 16 Nov 1999 08:08:36 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-l@Lehigh.EDU>
Subject: [56133] Re: Ft. Wayne Hamfest report
Message-ID: <003001bf3033\$b27460e0\$dea854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just want to give a public "Thanks" to N8ET for making the trip to Ft. Wayne to do the forum. Bill, I recognize you as another one of those guys from that small fraternity that gives a lot more to the hobby than you take. I hope you do it again next year!

Denny Payton, N9JXY
Auburn, IN

Date: Tue, 16 Nov 1999 08:42:11 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [56134] A request for assistance from Sweden
Message-ID: <Pine.GS0.4.10.9911160834320.20937-1000000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am forwarding a message on a parts searsh for a Clarostat control for an old National HRO to this list, since thtis group is the most knowledgable about where to find the old, the new, and even the mysterious.

You can send positive replies directly to Peter (who wants to restore the receiver using original parts) or to me, and I'll forward to him.

Thanks in advance.

-73-

LB, W4RNL

=====

>From peter.laur@swipnet.se Tue Nov 16 08:34:31 1999
Date: Sun, 14 Nov 1999 17:03:22 +0100
From: Peter Laur <peter.laur@swipnet.se>
To: L. B. Cebik <cebik@utkux.utcc.utk.edu>
Subject: Looking for a old potentiometer

Hello LB,

Long time since last - hope everything is fine with you? Im writing you to ask if you know of a old potentiometer for my National HRO Sr. It's the RF Gain pot that gaved up after +65 years of faithful service <grin>

Im attaching 3 pics so you can see how it looks like. It's a Clarostat MFG and the number on the back cap is: E-9029-B and it's on 10K Ohm. I have meassured it to be 40 x 16mm outside and 30 x 10mm inside. If you see any of these around, please think of me...

Another thing, I will soon get my old Harvey 80-T here from US and it has a Raytheon RK-20 or RK-20A final tube. Im desperatly looking for spares, so if you hear of any, Im very interested.

Until next, all the best from Sweden and looking forward to hear from you.

73's de Peter / SM5HUA

Date: Tue, 16 Nov 1999 06:43:26 -0700
From: "Rod Cerkoney" <rwc@frii.com>
To: <Ac6qi@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56135] Re: Tuna Tin Two, etc
Message-ID: <002a01bf3038\$9c0c0b00\$538711d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jeff:

I sending this to you and the list. I'm sure others will have a counter-point or two to my offerings. ;-) Perhaps the format will be useful to accumulate the info in a meaningful way.

-rc-

----- Original Message -----

From: <Ac6qi@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, November 15, 1999 11:06 PM
Subject: Tuna Tin Two, etc

> I'm just getting into this QRP idea and I'm considering what to
build or buy.
> I read here about people using a small transmitter like a Tuna Tin
Two along
> with a shortwave receiver. This sounds like it might be a good
combination to
> me.
>

I would encourage you to consider a small tranceiver for either 20 or
40 meters.

ADVANTAGE OF YOUR PROPOSAL:

- o cost.

POSSIBLE DISADVANTAGES OF YOUR PROPOSAL:

- o The Tuna Tin operates only on one frequency, xtal controlled.
Difficult to avoid other QSOs or QRM.
- o The Tuna Tin power is 300-500mW. While that is plenty to get out
with a good antenna your signal will be a bit on the light side and
may go unnoticed. I recommend a transmitter capable of 2-5W giving you
a loud and clear signal more easily heard. Your QSO rate will go up
and you'll have more fun. The big deal here is how good is your
Antenna system.
- o Sensitivity, selectivity of your SW RX. Most current SW RCVRS are
designed for the strong SW stations out there, many don't even have a
BFO. Try listening around 7040 +-2 or 3 kHz or 14060 +- 2 or 3 kHz. If
you can distinguish several, individual stations you RX may be OK.

A good time to listen is during our "Fox Hunts". Plenty of stations
around 7040 trying to contact the Fox. For a schedule of Fox Hunt
times check here: <http://www.oakland.edu/~prvalko/foxhuntsc.htm> If you
don't have Web access, contact me. I'll email the sked to you.

POSSIBLE DISADVANTAGE OF MY PROPOSAL

o Cost. Although there is frequently a good deal on this list, and a Want To Buy posting often produces good results. New or used expect to pay \$50 - \$130.

POSSIBLE ADVANTAGES OF MY PROPOSAL

o MORE POWER ;-) Personally I think this is an advantage to new QRPers giving them a better chance at making contacts. When your skill develop, "milliwatting can be fun too". I've made several contacts at 100-1000mW with modest antennas.

o Frequency Coverage. Most current QRP XCVRs cover 10, 50 even 100 kHz of the CW band.

o Better RX selectivity, sensitivity. The current crop of XCVRs rival the commercial rigs available from ICKY, TenTec too.

o There are many kits available these days from suppliers like Small Wonder Labs, Wilderness Radio, OHR, Emtech and other. A new magazine from the Hew Jersey QRP club has an excellent article my Doug Hendricks evaluating the current crop of gear. If you need that article, Contact George Heron, N2APB. Or, contact me I can copy and send that article to you. ref. "Which Kit to Build", Doug Hendricks, KI6DS, p3; "QRP Homebrewer", Vol 1, No. 1, Fall 1999.

o There are some great HB designs as well. The 2N2/40 is very popular with list members. I don't have links to info on this Rig handy at the moment. Basically it is a 40M XCVR made with only 2n2222As, works FB.

> I assume one would use an antenna switch to go between receive and transmit.

> Seems like too much trouble to set up two antennas. I guess some shortwave

o The tuna tin has switch for switching a good outside antenna between RX and TX. The performance of the internal whip antenna on a SW Rig will most likely be disappointing. I have a SANGEAN 909, considered by many to be one of the better SWL rig. It does not function well as a CW RCVR.

> Do people switch manually? What kind of switch?

>

o Yes. The Tuna Tin uses a small Radio Shack, SPDT. Works fine. (I built a TT2)

> I'd like to build something simple and cheap to test the water first. Then I

One Rig I can think of is the SST from Wilderness Radio, \$85. Here are some useful Web links if you have that capability:

Wilderness: <http://www.fix.net/~jparker/wilderness/sst.htm>

OHR: <http://www.ohr.com>

Small Wonder Labs: <http://www.smallwonderlabs.com>

This is only a sampling of the current more popular equipment. I don't mean to exclude anybody, but I don't want to overwhelm you with info either. If you want more links to more kits let me know, I got 'em. ;-)

o If you can handle Homebrew, the 2N2/40 may be a good choice.

> might put more time/money into it later. I'm about to hit the local library

o I think the first issue of QRP Homebrewer, from the New Jersey QRP Club is a great intro to the current state of the art.

o Also check out the ARRL offerings. They have many QRP books available.

> Any recommendations for a band to try first? Maybe for some evening use at

> home, or day/evening use on camping trips. I'm in Vista in Southern
>

40M is a very popular QRP band with plenty of QRP activity. For daytime operation 20M is the band of choice.

Well that's my nickel's worth. Hope it helps, I'm sure you will get plenty of feedback. I know I will about some things I've said here! ;-)
;-) I know these guy's there not shy. ;-)

GL let's know when your ready so we can listen for you.

72/3 Rod, N0RC -- Fort Collins, CO

Date: Tue, 16 Nov 1999 06:01:58 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [56136] Holiday mW Contest rules & Attn all QRP clubs !
Message-ID: <19991116140158.14115.rocketmail@web704.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The updated mW contest rules will be up on my website
by tuesday evening 11/16/99.

But I have the current rules there now if you want to
get an understanding of how it will be done. Just some
minor changes in the update.

This contest is designed for FUN. And when you see the
way they did it you will understand.

Attention ALL QRP clubs! See the rules and be there to
hand out MAJOR bouns points!

72/71's de Jim KJ5TF/NQ5RP

=====

Ham radio/alt energy - <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP#2 - 35.95N 93.28W

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Tue, 16 Nov 1999 10:10:39 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: rwc@frii.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56137] Re: Tuna Tin Two, etc
Message-ID: <383173EF.3F1C@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod, and gang,

I want to let you know that a QRP kit matriz has been posted as part of
my monthly column on the ARRL members only web page. It includes

complete comparative data on currently offered kits (well, most of them). It will be updated as the need requires it.

73

Date: Tue, 16 Nov 1999 11:45:01 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: David Clemons <dave@egh.com>
Cc: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [56138] Re: [CQ-Contest] Whereabouts of QRP Club of New England
Message-ID: <Pine.3.89.9911161105.A2789-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 15 Nov 1999, David Clemons wrote:

>
> Hi,
>
> I received a very nice plaque from the 1998 SS SSB which was
> sponsored by this club. I would like very much to send a thank
> you to these folks, but I heard that the club had disbanded.
>
> Does anyone know the address of the club, or if it has been
> disbanded, does anyone know the last officers?
>
> 73, Dave Clemons K1VUT dave@egh.com
>

Dave, I'm sure you will get some help here...

73,

Bob Patten, N4BP ' ' ' ' , (0 0) Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Tue, 16 Nov 1999 08:59:00 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [56139] Re: Ft. Wayne Hamfest report
Message-ID: <19991116165900.1753.rocketmail@web114.yahoomail.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Dennis Payton <dpayton@fwi.com> wrote:
> I just want to give a public "Thanks" to N8ET
> for making the trip to Ft.
> Wayne to do the forum. Bill, I recognize you as
> another one of those guys
> from that small fraternity that gives a lot
> more to the hobby than you take.

Also just to make clear my last post. I just
wanted to encourage Bill to repeat his fine work
again next year. So he too can take over Ft.
Wayne in the name of QRP!

Jeff

=====

Jeff Jones
AB6MB
Norcal QRP Net 7045 Sunday 6pm PST Monday 0200 UTC
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798
Voicemail/Fax 1-888-Excite2 ext 925-439-2514

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Tue, 16 Nov 1999 09:03:38 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [56140] Re: UPDATE: Doug KI6DS
Message-ID: <19991116170338.2719.rocketmail@web114.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Francis Callahan <colcal@srv.net> wrote:
> Arn't all QRP's part of a very large and
> growing family 72 Cal KF7ET

That's true. Part of the spirit of ham radio.
Seeing one of our fellow hams, Doug KI6DS, go
through a rough time brings us together to show

our support.
I sincerely hope he has a speedy recovery.

72!

Jeff

=====

Jeff Jones
AB6MB
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Radical FIST Member 6798
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Bid and sell for free at <http://auctions.yahoo.com>

Date: Tue, 16 Nov 1999 11:18:43 -0600
From: Mark Milburn <markmilburn@netzero.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [56141] Assistance for new convert
Message-ID: <383191F3.EDAE545C@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I recently got a letter from a ham in Asheville, NC who wants to get into QRP. I wrote back, but I think we can do better with someone local. Is there someone in Asheville or surrounding area that would like to get hold of this fellow ham and help him along the QRP trail? Send me a reply and I'll send his name and address.

72 Mark KQ0I
Des Moines, Iowa

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<http://www.netzero.net/download/index.html>

Date: Tue, 16 Nov 1999 12:09:05 -0800
From: Robert P Engelman <rengelwb8uoj@juno.com>
To: qrp-l@lehigh.EDU

Subject: [56142] Re: Tuna Tin Two, etc
Message-ID: <19991116.121950.-251119.0.rengelwb8uoj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Jeff,

Rod speaks the truth !!! I couldn't have put the pros and cons and info any better, so I'll just add my comment to Rod's. There are too many reasonably priced kits out there to try to put something together from a book, unless that's your desire. There are many kit sources available thru the WWW, and the ARRL server has a great list of the kit manufacturers. For the least expensive way to get on the air, I'd look for a used QRP transceiver on this list..

Good luck,

Bob WB8UOJ / AA
Grafton Ohio
rengelwb8uoj@juno.com

On Tue, 16 Nov 1999 06:43:26 -0700 "Rod Cercone" <rc@frii.com> writes:

> Jeff:

>

> I sending this to you and the list. I'm sure others will have a
> counter-point or two to my offerings. ;-) Perhaps the format will be
> useful to accumulate the info in a meaningful way.

>

> -rc-

>

> ----- Original Message -----

> From: <Ac6qi@aol.com>

> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

> Sent: Monday, November 15, 1999 11:06 PM

> Subject: Tuna Tin Two, etc

>

>

> > I'm just getting into this QRP idea and I'm considering what to
> build or buy.

> > I read here about people using a small transmitter like a Tuna Tin
> Two along

> > with a shortwave receiver. This sounds like it might be a good
> combination to

> > me.

> >

>
> I would encourage you to consider a small transceiver for either 20
> or
> 40 meters.
>
> ADVANTAGE OF YOUR PROPOSAL:
>
> o cost.
>
>
> POSSIBLE DISADVANTAGES OF YOUR PROPOSAL:
>
> o The Tuna Tin operates only on one frequency, xtal controlled.
> Difficult to avoid other QSOs or QRM.
>
> o The Tuna Tin power is 300-500mW. While that is plenty to get out
> with a good antenna your signal will be a bit on the light side and
> may go unnoticed. I recommend a transmitter capable of 2-5W giving
> you
> a loud and clear signal more easily heard. Your QSO rate will go up
> and you'll have more fun. The big deal here is how good is your
> Antenna system.
>
> o Sensitivity, selectivity of your SW RX. Most current SW RCVRS are
> designed for the strong SW stations out there, many don't even have
> a
> BFO. Try listening around 7040 +-2 or 3 kHz or 14060 +- 2 or 3 kHz.
> If
> you can distinguish several, individual stations you RX may be OK.
>
> A good time to listen is during our "Fox Hunts". Plenty of stations
> around 7040 trying to contact the Fox. For a schedule of Fox Hunt
> times check here: <http://www.oakland.edu/~prvalko/foxhuntsc.htm> If
> you
> don't have Web access, contact me. I'll email the sked to you.
>
>
> POSSIBLE DISADVANTAGE OF MY PROPOSAL
>
> o Cost. Although there is frequently a good deal on this list, and a
> Want To Buy posting often produces good results. New or used expect
> to
> pay \$50 - \$130.
>
>
> POSSIBLE ADVANTAGES OF MY PROPOSAL
>
> o MORE POWER ;-) Personally I think this is an advantage to new

> QRPers
> giving them a better chance at making contacts. When your skill
> develop, "milliwatting can be fun too". I've made several contacts
> at
> 100-1000mW with modest antennas.
>
> o Frequency Coverage. Most current QRP XCVRs cover 10, 50 even 100
> kHz
> of the CW band.
>
> o Better RX selectivity, sensitivity. The current crop of XCVRs
> rival
> the commercial rigs available from ICKY, TenTec too.
>
> o There are many kits available these days from suppliers like Small
> Wonder Labs, Wilderness Radio, OHR, Emtech and other. A new magazine
> from the Hew Jersey QRP club has an excellent article my Doug
> Hendricks evaluating the current crop of gear. If you need that
> article, Contact George Heron, N2APB. Or, contact me I can copy and
> send that article to you. ref. "Which Kit to Build", Doug Hendricks,
> KI6DS, p3; "QRP Homebrewer", Vol 1, No. 1, Fall 1999.
>
> o There are some great HB designs as well. The 2N2/40 is very
> popular
> with list members. I don't have links to info on this Rig handy at
> the
> moment. Basically it is a 40M XCVR made with only 2n2222As, works
> FB.
>
>
> > I assume one would use an antenna switch to go between receive and
> transmit.
> > Seems like too much trouble to set up two antennas. I guess some
> shortwave
>
> o The tuna tin has switch for switching a good outside antenna
> between
> RX and TX. The performance of the internal whip antenna on a SW Rig
> will most likely be disappointing. I have a SANGEAN 909, considered
> by
> many to be one of the better SWL rig. It does not function well as a
> CW RCVR.
>
>
> > Do people switch manually? What kind of switch?
> >
>
> o Yes. The Tuna Tin uses a small Radio Shack, SPDT. Works fine. (I

> built a TT2)
>
>
> > I'd like to build something simple and cheap to test the water
> first. Then I
>
> One Rig I can think of is the SST from Wilderness Radio, \$85. Here
> are
> some useful Web links if you have that capability:
>
> Wilderness: <http://www.fix.net/~jparker/wilderness/sst.htm>
> OHR: <http://www.ohr.com>
> Small Wonder Labs: <http://www.smallwonderlabs.com>
>
> This is only a sampling of the current more popular equipment. I
> don't
> mean to exclude anybody, but I don't want to overwhelm you with info
> either. If you want more links to more kits let me know, I got 'em.
> ;-)
>
> o If you can handle Homebrew, the 2N2/40 may be a good choice.
>
> > might put more time/money into it later. I'm about to hit the
> local
> library
>
> o I think the first issue of QRP Homebrewer, from the New Jersey QRP
> Club is a great intro to the current state of the art.
>
> o Also check out the ARRL offerings. They have many QRP books
> available.
>
>
> > Any recommendations for a band to try first? Maybe for some
> evening
> use at
> > home, or day/evening use on camping trips. I'm in Vista in
> Southern
> >
>
> 40M is a very popular QRP band with plenty of QRP activity. For
> daytime operation 20M is the band of choice.
>
> Well that's my nickel's worth. Hope it helps, I'm sure you will get
> plenty of feedback. I know I will about some things I've said here!
> ;-) I know these guy's there not shy. ;-) ;-)
>
> GL let's know when your ready so we can listen for you.

>
> ---
> 72/3 Rod, N0RC -- Fort Collins, CO
>

Date: Tue, 16 Nov 1999 10:57:20 -0800 (PST)
From: "Samuel A. Falvo II" <kc5tja@armored.net>
To: qrp-l@lehigh.edu
Subject: [56143] Simple test post...
Message-ID: <Pine.LNX.3.96.991116105629.21254D-100000@garnet.armored.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ahh...it's good to be back!! :)

--
KC5TJA/6, DM13, QRP-L #1447
Samuel A. Falvo II

Date: Tue, 16 Nov 1999 10:59:53 -0800 (PST)
From: "Samuel A. Falvo II" <kc5tja@armored.net>
To: qrp-l@lehigh.edu
Subject: [56144] ANZAC MD-108 mixers?
Message-ID: <Pine.LNX.3.96.991116105906.21254E-100000@garnet.armored.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Are these devices pin compatible with SBL-1s? Anyone know where I can find an online datasheet for them?

Thanks.

Date: Tue, 16 Nov 1999 11:04:24 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [56145] FOX: Metronome Rit Option?
Message-ID: <3831AAB8.572B@qsl.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What a sly Fox Ron was! He was difficult to anticipate and kept the pack well behaved! Great Job Ron. And thanks for the pelt!

My strategy was to follow his general pattern but I couldn't find one. The pack on both sides was floundering and I couldn't get in.

So I zerobeat every station he was working and writing down the frequency so I could decipher his pattern. Here's what I got, ending with the freq. I worked him:

70 4158 == FOX Frequency
Stations worked on Frequency:
4185 HIGH
4117
4062
4170 HIGH
4166 HIGH
4090
4213 HIGH
4158 -- ZEROBEAT --
4170 HIGH
4166 HIGH
4114
4102
4077,4065,4070
4146
4246 HIGH
4102
4126,4127
4094,4097
4115,4119 <=== I work him.

It paid off to see him work the same freq twice in this pattern with the second station slightly up. I tweaked the freq. and sent my cal.

Pelt gleaned.

Thanks for the workout Ron! 72/Ed we6w

--

-72/Ed WE6W; AR Millennium Q's=> 2235/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Tue, 16 Nov 1999 11:04:03 -0800
From: Jim Lowman <jmlowman@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [56146] Re: UPDATE: Doug KI6DS
Message-ID: <3831AAA3.B3F70F81@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Paul Harden, NA5N" wrote:

>

> Gang,

> I've received countless emails from QRPers wanting me to convey your
> best wishes on to Doug, which I will (and have tonight to Joanne). I
> appreciate your concern, as does Doug. For those wishing to send a card
> or get-well wishes, Joanne requests you send them to the house, not the
> hospital.

Again, thanks for keeping us in the loop, Paul.

I'm planning to take a get-well card to the meeting of the Lake Perris
QRP Society (SoCal counterpart of Norcal) this Saturday, and will
encourage the others to drop in a personal note on their own QSL cards.

72 de Jim - AD6CW

Date: Tue, 16 Nov 1999 14:15:21 -0500
From: Ron Majewski <majewski@erim-int.com>
To: qrp-l@lehigh.edu
Subject: [56147] FOX: W8RU Preliminary Log & Comments (long)
Message-ID: <3831AD49.E13A11E9@erim-int.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All-

What an absolute rush! Incredible fun! Non-stop calling! High
adrenaline! I couldn't sleep for hours afterward. It came and went in
a flash -- when can I do it again?

As you may have gathered, I had one heck of a good time. Is this

legal? :)

First off, I'd like to thank all the hounds for being patient and keeping the pile-up orderly. It really helped me keep things moving along. Fox hunting is definitely a cooperative venture for all involved, including even those who don't get to work the Fox. I noticed very little QRM and maneuvered around what I did hear it with the RIT.

I had to call CQ once. Short and sweet as Chuck has said in the past. At least a half dozen stations called me after the CQ. Don, K5AAR, pounced with a good signal and he got the first piece of pelt.

The floodgates opened after the first QS0. The band was thick with callsigns +/- 1kc of my calling frequency. Good gracious, what a sound! Low, oboe-like CW underneath a blur of midrange notes and all that underneath the flute-like high pitches. "Work me, work me!" "No, over here -- work me!" My hands started to shake. I tried to be one with the ether and lock onto one callsign at a time. Choose a tone and stick with it. It worked. Pieces of pelt started to disappear leaving only the pleasant sting of an exchange in the log book.

Did I mention that I had a great time?

I was using the TR Log software for the first time. Ron, KU7Y, gave me some tips on getting it set up (thanks!). The rate meter rose to 66 contacts/hour at its peak. It's a nice piece of software and extremely flexible. This implies a steep learning curve.

The band seemed to be in super shape. I experienced very little noise and almost no fading for the first hour and a half. The band was supporting both long and short stuff, which was a surprise. Lots of stations from IL, IN, and NY. Around 0240utc the noise jumped up and signals disappeared. I had a rough time pulling anyone out of the soup. Luckily it recovered by 0250 and I was able to get another 8 stations into the log.

I noticed that a few of you tried to tail end a QS0. I'm sorry to say that I'm just not adept enough to make that work for me; I should have warned you about that. I know that I got Conard, WS4S, and Doc, K0EVZ via tail ends, but no one else.

And now for the post-hunt statistics. 110 hounds got a piece of my pelt. I worked 31 states and 3 Provinces. The Texans dominated with 24 QS0s, followed by Colorado with 9, New York with 8, Florida with 7, and Missouri with 6. I was able to get a few states closer to my 40m QRP WAS, so I'm fired up about that. Anyone out there from Nebraska? :)

The raw log is attached below. Please let me know if you see any

problems. Tomorrow I'll be cleaning it up and reformatting for Momma Fox.

Once again, thank you for the opportunity to be the Fox and making the evening go so well. It's back to Hound status for me.

72,

Ron (W8RU)
majewski@erim-int.com

>>> Preliminary Fox Log for 16 November 1999 <<<<

#	UTC	Call	RST	SPC	Name	QRP-L #
1	01:00	K5AAR	559	OK	DON	1512
2	01:01	N0DT 559	MO	DAN	1004	
3	01:02	KG2LO	559	NJ	ROLAND	1445
4	01:03	WS4S 589	TN	CONARD	993	
5	01:05	N0EA 559	MO	WAYNE	1058	
6	01:06	K1QM 589	MA	JOEL	337	
7	01:06	N4ROA	559	VA	DAN	970
8	01:07	N9AW 599	WI	JERRY	1271	
9	01:08	N0EHW	599	MO	TIM	2047
10	01:09	AF5Z 579	TX	BOB	984	
11	01:09	W0CH 559	MO	DAVE	618	
12	01:10	AB8DF	559	MI	ED	1444
13	01:11	AA2PF	599	NY	DAVE	306
14	01:13	AI4CW	569	AL	DON	1670
15	01:13	KU4AF	559	NC	JOHN	987
16	01:14	AE2T 599	NY	AL	1664	
17	01:15	K5NZ 589	TX	MIKE	2018	
18	01:16	N8IE 579	OH	DAN	1404	
19	01:17	K1JD 579	RI	JOHN	1945	
20	01:19	KB9IUA	579	IL	KEVIN	384
21	01:20	W5HNS	569	TX	HENRY	178
22	01:20	K1VP 559	NH	ED	1960	
23	01:21	K2UD 589	NY	WARD	1535	
24	01:23	AA9XL	559	IN	BILL	5W
25	01:23	KI0G 579	CO	BOB	239	
26	01:24	W4UTI	559	AL	CARL	1097
27	01:25	AE4Y 559	GA	KENT	1844	
28	01:26	WA9EIC	599	IL	DON	5W
29	01:27	K2SJB	579	NY	DAVE	757
30	01:28	KB9BVN	599	IN	BRIAN	1540
31	01:29	N0RN 559	CO	BOB	1789	
32	01:30	W0RW 599	CO	PAUL	1284	

33	01:31	KC1FB	559	CT	JIM	29
34	01:32	NK9G 559	WI	RICK	2061	
35	01:33	N8VAR	559	OH	RON	263
36	01:35	AB5XQ	559	TX	BILL	2051
37	01:36	K5ZTY	559	TX	BILL	473
38	01:37	AB5UA	559	OK	CLIF	478
39	01:38	N3YSI	599	PA	PAUL	1835
40	01:39	K5LN 559	TX	BILL	1794	
41	01:40	K0EVZ	579	ND	DOC	861
42	01:41	N9KW 579	IL	JOHN	1257	
43	01:42	W2XN 559	FL	ED	1728	
44	01:43	N2TO 559	NY	KEVIN	323	
45	01:44	KA5T 559	TX	LARRY	89	
46	01:44	W5TB 599	TX	DOC	673	
47	01:45	AJ4Y 559	FL	PAUL	1795	
48	01:46	N1LN 599	TX	BRUCE	2049	
49	01:47	KQ5U 599	TX	TERRY	1603	
50	01:48	N5TW 589	TX	TOM	1474	
51	01:49	N1TP 559	FL	TOM	1317	
52	01:51	KF4AR	599	NC	RICK	402
53	01:51	AF4PS	579	FL	MAC	704
54	01:53	W8SFF	559	MI	STEVE	1288
55	01:54	N4UY 599	VA	JAKE	821	
56	01:55	NQ7X 559	AZ	FLOYD	343	
57	01:56	W5SB 559	TX	BILL	1279	
58	01:57	N2ZHY	559	NJ	DAVID	2067
59	01:59	WE6W 559	CA	ED	1068	
60	01:59	KI0II	579	CO	RON	928
61	02:00	W0JOE	559	MO	JOE	1901
62	02:01	AK7Y 559	AZ	GENE	1693	
63	02:02	N5IW 559	TX	DAVE	1718	
64	02:03	KK5LD	559	TX	DAN	2052
65	02:04	N0TU 559	CO	STEVE	911	
66	02:06	WW7Y 559	UT	STEVE	94	
67	02:06	W5TFB	589	TX	JACK	282
68	02:07	N6WG 559	CA	BOB	26	
69	02:08	VE5RC	559	SK	BRUCE	886
70	02:09	KU7Y 559	NV	RON	17	
71	02:11	K5VUU	559	TX	ED	1343
72	02:12	K2REB	449	NY	DICK	1811
73	02:14	K5GQ/M	559	TX	MARK	794
74	02:15	KD5CMN	559	TX	MIKE	1328
75	02:15	NT1R 559	ME	BILL	912	
76	02:16	K1MG 579	CA	MIKE	614	
77	02:18	AB7CE	559	MT	ROY	1494
78	02:18	N0RC 579	CO	ROD	1764	
79	02:19	K5JHP	559	TX	BILL	825
80	02:22	K2NF 559	FL	NORM	5W	

81	02:22	N3XRV	559	MD	CHRIS	655
82	02:23	KI7MN	579	AZ	BOB	271
83	02:24	KD5AIJ	559	TX	STEVE	2071
84	02:25	NZ4E	559	VA	MARC	184
85	02:26	K4NK	559	SC	LES	871
86	02:27	VE3FAL	579	ON	FRED	5W
87	02:28	KE5TC	559	OK	ROY	1057
88	02:29	W7ILW	559	AZ	HOWARD	2010
89	02:30	K5UP	559	OK	GLEN	21
90	02:31	K5DW	559	TX	DON	2083
91	02:32	AD6IU	559	CA	DICK	951
92	02:34	N2JTW	589	NY	MARK	1956
93	02:35	N0UR	599	MN	JIM	799
94	02:36	AA5TA	559	TX	LARRY	1245
95	02:37	N2SMH	579	NJ	DAVID	74
96	02:38	KA3WMJ	599	PA	KEN	355
97	02:39	K5PSH	559	TX	JERRY	2W
98	02:44	W0MC	559	CO	JERRY	800
99	02:45	N7GS	559	MT	MAL	815
100	02:47	VE6EWM	559	AB	EARL	1076
101	02:48	KB7WW	559	OR	ART	290
102	02:49	K6TM	559	CA	RICH	1092
103	02:50	WZ2T	599	NY	RICK	122
104	02:53	N7RR	339	MT	RICH	1688
105	02:54	N7CQR	559	OR	DAN	502
106	02:56	K4LKL	579	FL	PAUL	5W
107	02:57	KR0I	559	MO	MAC	1037
108	02:57	N0AR	559	MN	SCOTT	1455
109	02:58	KQ5U	559	TX	TERRY	1603
110	02:59	KJ5SP	559	OK	MEL	1287

Date: Tue, 16 Nov 1999 11:15:58 -0800
 From: Ed Loranger <we6w@qsl.net>
 To: qrp-1@lehigh.edu
 Subject: [56148] Married to Lady Luck?
 Message-ID: <3831AD6E.660F@qsl.net>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

Wow, had some job interviews Yesterday for a Eng. Tech.
 job.

First up was a fellow Ham. We chatted about everything and
 after I drew up the block diagram for a Spectrum analyzer, I
 annotated the differences between SA's and Network Analyzers.

We spoke of the old HP8505A, .5 to 1300 MHz network analyzer and how awesome it was. I mentioned I was hoping to land one one of these days. He also mentioned they were becoming a hot item on the used market due to their high dynamic range and excellent noise figure.

And that he had a working unit at home FOR ME!!!!

Complete with S-Paramater test set and the trace Storage normalizer for calibrating the signal!

Somebody wake me up, I must be dreaming. But no, I think it is lady luck I am dealing with. Thanks lady luck!

Am blown away by his offer.

He mentioned he IS a HAM and has these BURIED in his garage.

Might be a few months until I see it. Just enough time to clear a space in the garage here.....

Yabba Dabba Doo! Jammy! Whoo! Whoo! Happy Dance Ala Snoopy!

72/Ed we6w

--

-72/Ed WE6W; AR Millennium Q's=> 2235/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Tue, 16 Nov 1999 15:18:15 +0000

From: "Steven Weber" <kd1jv@moose.ncia.net>

To: qrp-l@lehigh.edu

Subject: [56149] Hi-Tek Nick-Nack

Message-ID: <199911161959.0AA07951@moose.ncia.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Oh, what to do with a dead hard drive? Hate to just toss it. So, took the cover off to expose the platters and nailed it to a wall :-)
Looks kinda neat up there...now, should I hang a 286 mother board next to it?

72, Steve KD1JV
"melt solder"

Date: Tue, 16 Nov 1999 15:11:22 -0500
From: DNT1@daimlerchrysler.com
To: qrp-1@Lehigh.EDU
Subject: [56150] N/T+ FOX: 2200 17 OCT 99 - 0000 18 OCT 99 UTC
Message-ID: <8525682B.006EE865.00@lmgshc02.notes.chrysler.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

KF4YWT Operating from 2200 - 2400/0000 at 7.113 MHz +/- (7.135 MHz if QRM
is bad)

This is to remind you all of KF4YWT's second outing as a Tech + Fox this
Wednesday night at 2200 UTC. Look for him around 7.113 MHz +/- QRM or 7.135
MHz +/- QRM if the lower freq. is too crowded. Trey will be sending my QRP-L
number with /JR behind it (partly because he needs practice with J, mostly
because my home Email's still messed up & I can't get him signed up to the list
to get his own #) so expect the following:

(callsign) de KF4YWT (RST) AL Trey NR 1670/JR 4w (callsign) KN

He'll be straight key all the way again and I expect his technique to improve
considerably by the end of the hunt (if he doesn't suffer from serious fatigue
like last week!). I'm going to watch over him & help with logging but he'll be
in charge as far as sending/receiving is concerned so be prepared to QRS & send
repeats. Please send in the following format to help him with knowing what to
expect & when to expect it:

KF4YWT de (callsign) ur (RST) (ST/P) (Name) NR(#) (Pwr) BK

Thanks for the help with getting him going again with his cw, he's doing good
with the practice & once he gets over the shock of the pile-up at the end of the
last hunt I expect him to really log some dogs! We're looking forward to a
great time once again!

Thanks to those of you who've sent QSLs, we're trying to design one for him now
so that he can respond in kind. That's the problem with a child that likes to
draw, he won't accept sending just any old card design! ;-)

72/73, Don T. AI4CW & Trey KF4YWT

Toney, AL

EM64pw

QRP-L#1670

Date: Tue, 16 Nov 1999 12:20:29 -0800
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'QRP-l List Server'" <qrp-l@Lehigh.edu>
Subject: [56151] Sick OHR-500 Cured!
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F02BE58FA@hq-expo2.filenet.com>

My sincere thanks to all who sent replies to my sick OHR-500 queries (dead on 40 meters). It later died on 30 meters as well but probing and close inspection of the oscillator board revealed an UNSOLDERED leg of the 30-meter oscillator crystal (it would wiggle back and forth in the hole making contact sometimes). That woke 30 back up but 40 remained a mystery -- until I visited the WB6JDH QRP Hospital. Dick Palmer was kind enough to help me trace down another stupidity on my part -- one leg of the 40-meter LP filter relay was -- yes, you guessed it -- UNSOLDERED!

The patient is recovering and doing nicely, thank you.

72,

Bill K6WHP

Date: Tue, 16 Nov 1999 12:48:28 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Cc: fantbb@yahoo.com
Subject: [56152] Norcal QRP Net update.
Message-ID: <3831C31C.56CA@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, I have been asked to take control of the Norcal Net.

This net meets every Sunday at 0200Z. That's Monday UTC.
Frequency is 7045 KHz +/- QRM.

It is by nature, a fun QRP gathering so expect to have fun.

Checking in is easy. Just give me time to call CQ and

make up a list of check-ins. We'll take turns in pre-arranged order I'll broadcast.

We had a nice 35 minute chat last Sunday and hope you can join in. It is just like a regular QSO. Just give you Name/QTH, Power, weather, rig and any extra information you feel useful or fun. That easy.

Having WSN-40 on Saturdays at 9:00 AM Pacific Time <1700Z> is great for hearing the latest on upcoming events for the weekend. Then tell us how your weekend was Sunday evening at the Norcal net.

It's a wrap!

CQ NC de WE6W QNI K!

QNI= Net Initiating checkin process.

QNF= Net is Free now and Uncontrolled by NCS

You May hear these signals but if you don't understand, ask "PSE, what QNZ mean?" Or whatever Q'sig you don't know.

QNZ= Zerobeat Net Control.

QNX?= Can I be excused from the net.

You'll be a pro in no time.

We are looking for Alternate net controls for possible rotation assignment. Please to contact Jeff/AB6MB for info.

mailto:fantbb@yahoo.com

Happy QRP'ing de Ed/WE6W 72

--

-72/Ed WE6W; AR Millennium Q's=> 2235/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Tue, 16 Nov 1999 13:34:05 -0800 (PST)

From: Jim Hale <kj5tf@yahoo.com>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [56153] mW Holiday CW contest rules + Attn all QRP clubs

Message-ID: <19991116213405.12045.rocketmail@web702.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Just tried to update the rules on my QSL net website.
But there must be some small problem, and I wasn't able
to do it.

If anyone wants the rules emailed directly to them
just drop me a note.

You may be on Juno or whatever, so feel free to ask
for the rules emailed in text format.

CU in the contest dec 26, 27, 28 1999.

de Jim KJ5TF/NQ5RP

=====

Ham radio/alt energy - <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP#2 - 35.95N 93.28W

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

Date: Tue, 16 Nov 1999 14:14:11 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56154] Re: Hi-Tek Nick-Nack
Message-ID: <Pine.BSF.4.10.9911161405330.143-1000000@shell114.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Steve,

You might find a local artist who's into hi tech. An interesting
sculpture could be made with it! I saw such a piece in Vienna, in Sigmund
Freud park. Big old steel triangle sticking out of the ground with
obsolete VME boards riveted to it. Pretty cool!

73,
Bob - W3CD

On Tue, 16 Nov 1999, Steven Weber wrote:

> Oh, what to do with a dead hard drive? Hate to just toss it. So, took

> the cover off to expose the platters and nailed it to a wall :-)
> Looks kinda neat up there...now, should I hang a 286 mother board
> next to it?
>
>
>
>
> 72, Steve KD1JV
> "melt solder"
>

Date: Tue, 16 Nov 1999 16:17:52 -0500
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcusa.cu>
To: "qrp-L" <qrp-l@LeHigh.edu>
Subject: [56155] RE: Doug's Health
Message-ID: <000201bf3082\$3423b3e0\$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks Paul for not only talking to us about the
Sun and the sunspots, but also letting us now
about Doug Hendricks's, health.
When in the not too distant future we QRP enthusiasts
around the world will start to listen to those
NORCAL 20 transceivers that Doug and Jim and the Rev.
George so kindly are making available to radio
amateurs in less developed nations of this world,
a very special feeling will certainly make those
QSO's wonderful, and that special feeling amigo is
for that nice person in California that played such
an important role in making those kits possible,Doug KI6DS.
We all hope Doug has a good recovery and that the
doctors , nurses and assistants at the hospital will
participate some day at a 100,000 electronic components
kitting fiesta ! (We all sure of Doug's immense capacity
to make people work for a noble cause RIGHT !)
Yes, we are all also sure that his good spirits will make
OM Doug get trough this one in great shape, and as
someone in the QRP-L pointed out , he is getting a lot
of help from prayers made by many different persons in
many different countries in many different ways to
many different Gods !
Amigo Doug get well soon !

Everyone I talk on 20 meters QRP around 14.060 these days tells me about the need of a 15 meter QRP transceiver to help us enjoy the Solar Maximum ... and who is going to make that happen soon...
Guess now you see why we all need you back " on kit ", " on the air" and "on line "

Your friends in Havana and all around Cuba

Arnie Coro C02KK + the many young cuban amateurs that have benefitted by reading translations of QRPp magazines edited by NORCAL !

Date: Tue, 16 Nov 1999 15:34:31 -0700
From: Jeff Francis <jfrancis@frii.com>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56156] Re: Hi-Tek Nick-Nack
Message-ID: <19991116153431.A19145@geek.noducks.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Tue, Nov 16, 1999 at 03:18:15PM +0000, Steven Weber wrote:

> Oh, what to do with a dead hard drive? Hate to just toss it. So,
> took the cover off to expose the platters and nailed it to a wall
> :-) Looks kinda neat up there...now, should I hang a 286 mother
> board next to it?

I made a couple of plaques a few years back. I had to experiment a bit to find the right tool to make holes (which, of course, just added to the fun). Both the 30.06 and the 7.62x39mm rounds did too much internal shock damage to the drive, and a .22LR wouldn't penetrate more than one platter (if even that). Finally settled on 9mm FMJs. At any rate, took the top cover off, made a nice 9mm hole, then mounted then drive on a nice piece of hardwood with a little sign that said:

"Error reading drive C: Abort, Retry, Ignore?"

A hard drive with a bullet hole in it gets a lot of funny comments sitting on your desk... ;^)

--

Jeff Francis - KC0BWS		Ack!
Sr. Systems Engineer		____/
Nortel Networks / Shasta	You cannot strengthen the	\ o.0
Denver, CO USA DM79nr	weak by weakening the	=(_)=
39d43m16.4s N 104d52m10.7s W	strong.	U
jfrancis@frii.com	--Unknown	
http://www.frii.com/~jfrancis		PRR...

Date: Tue, 16 Nov 1999 15:38:44 -0700
 From: "Francis Callahan" <colcal@srv.net>
 To: <QRP-L@Lehigh.edu>
 Subject: [56157] TT2
 Message-ID: <199911162236.PAA26961@srv.net>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=ISO-8859-1
 Content-Transfer-Encoding: 7bit

Doing the Idaho Happy Dance TT2 arrived today on the air soon 72 KF7ET

Date: Tue, 16 Nov 1999 18:25:20
 From: Robert McConnell <rmcconne@lightlink.com>
 To: kd1jv@moose.ncia.net
 Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 Subject: [56158] Re: Hi-Tek Nick-Nack
 Message-ID: <3.0.6.16.19991116182520.2fc7a756@pop.lightlink.com>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"

Steven,

At the office, we used to have an old 80MB drive that suffered a head crash. When we took off the covers, the top platter had several obvious bare rings where the oxide was completely stripped from the platter. We kept it around for several years as a training aid. Head crashes aren't all that common any more, so it got thrown out during an office move a couple of years ago.

On the other hand, if you have youngsters of any age that you Elmer, a few visual aids can be quite handy at times. My boys used to get quite a kick out of disassembling 5" and 3" floppies. My youngest (18 years old) is always asking when I'm going to bring another old cash register home after we found a \$20 bill in the cash drawer of one.

Bob McConnell
N2SPP

At 03:18 PM 11/16/99 +0000, Steven Weber wrote:

>Oh, what to do with a dead hard drive? Hate to just toss it. So, took
>the cover off to expose the platters and nailed it to a wall :-)
>Looks kinda neat up there...now, should I hang a 286 mother board
>next to it?

>

>

>

>

>72, Steve KD1JV

>"melt solder"

>

>

End of QRP-L Digest 1641
